SERVICE MANUAL

READY ACCESS®

Model 275
SC (Self-Closing) and M.O.E.R.
(Manual Open Electronic Release)

Drive-Thru Window

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TABLE OF CONTENT

Topic	Page
Disclaimer	4
Contact Sheet	4
Introduction	5
Product Information	
Description	5
Specifications	7
Dimensions	7
Safety Information	8
Installation Procedures	
Tools needed	8
Materials Needed	8
Physical Installation	9
Electrical Installation	12
Initial Operations and Testing	12
Adjustments and Calibrations	13
Operational Procedures	
Modes of Operation	17
Operations	17
Maintenance	
Maintenance Schedule	17
Daily	17
Monthly	17
Yearly	17
Service	
Troubleshooting Guide (Cause and Effect)	18
Parts Lists	
Complete Parts List (Description/Part Number)	19
Drawings - Exploded Views / Schematics	20
Appendix “A” – Installation of the Door Handle	26

DISCLAIMER

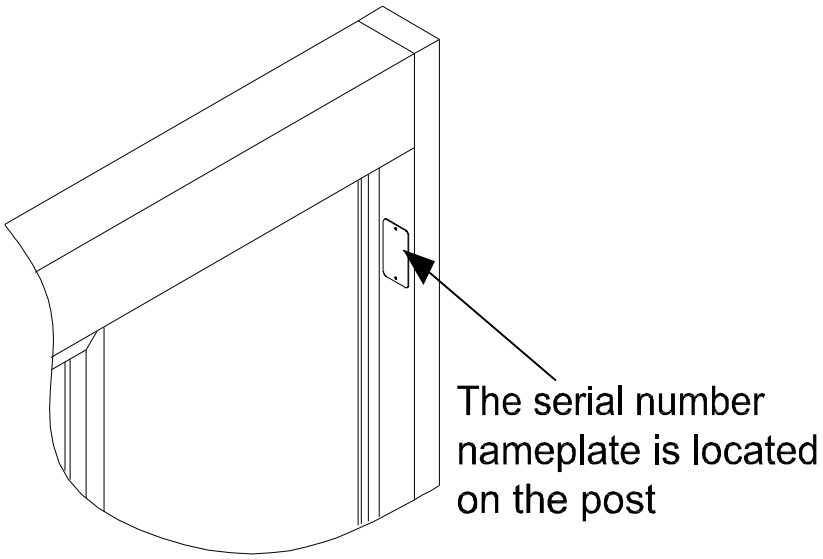
READY ACCESS DISCLAIMS ANY LIABILITY FOR ANY DAMAGE OR HARM CAUSED TO THE 275 DRIVE-THRU WINDOW, IT'S OPERATOR OR ANY OTHER EQUIPMENT HOWEVER CAUSED IF THE 275 DRIVE-THRU WINDOW IS REPAIRED OR SERVICED BY ANYONE OTHER THAN AN AUTHORIZED SERVICE ENGINEER OR CONTRARY TO THE MANUFACTURERS WRITTEN INSTRUCTION CONTAINED HEREIN.

THIS MANUAL IS INTENDED FOR USE BY THE IN-HOUSE OR AUTHORIZED FIELD SERVICE ENGINEERS AND SALES REPRESENTATIVES

The manufacturer maintains the right to update, add or issue a new service manual at any time without notice, thereby rendering all previous issues obsolete.

Please write the Serial Number and Installation Date for your drive-thru window in the spaces provided.

Serial Number	
Date of Installation	



CONTACT INFORMATION

FOR SALES AND SERVICE CONTACT

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INTRODUCTION

The Ready Access window is quality designed to give you years of reliable, trouble-free service. Each window is shipped pre-assembled, fully glazed and ready for installation. All Ready Access windows are thoroughly tested prior to shipping.

The 275 Single Panel Slider Window is the perfect enhancement to the drive-thru concept, offering unobstructed views of customer and crew.

The model 275 drive-up window comes in four versions, manual, self-closing, electric and M.O.E.R. (Manual Open Electronic Release). The electric version is fully automatic with a manual override in case of a power outage. The door will open and close by stepping into and out of the light beam sensor. Electric models meet health department requirements for self-closing units.
The Self-Closing and M.O.E.R. versions of the 275 will be contained in this manual.

This attractive and economical window is ideal for a drive-thru or walk up application. The large service opening is suitable for both large and small operations. (See Chart on Page 7)

When used with the READY ACCESS pass-thru air curtain system, this single panel-sliding window will provide the crew and customer with comfort during winter (AA300 Only) and an insect and exhaust deterrent during the summer.

PRODUCT INFORMATION

- **Manual or Electric Openings**
  The 275 Single Panel Slider keeps building costs down by offering the window in a manual operating style. Or for those who experience heavier traffic, an electric operating style is also available. Electric models meet health department requirements for self-closing units.

- **Ease of Operation**
  In a Self-Closing operation, the inside attendant pulls the door handle, to open the door. Releasing the door will allow the door to close by itself. With a M.O.E.R. operation, the operator simply steps into the presence sensor and manually opens the door. The door will stay open until the attendant steps out of sensor range. Once there is no longer a presence detected the door will once again close by itself. The range for the presence sensor is adjustable to specific customer needs.

- **Quality Construction**
  Anodized aluminum extrusions, stainless steel and 1/4" tempered glass combine to give you an attractive window that not only enhances building exteriors, but will not rust, pit or weather. Track free bottom sill provides for a contaminant free surface.

- **Double Security Locks**
  The 275 Single Panel Slider automatically locks each time the window closes, providing security when the window is left unattended. When the drive-thru is closed, manual security locks help prevent outside entry

- **Fully Assembled, Ready to Install**
  Ready Access windows are shipped completely pre-assembled, and fully glazed for lower installation costs. Normal installation takes less than two hours.

- **Three to Five Day Shipping**
  Ready Access will ship any standard window order in 3 to 5 days from receipt of order.

- **Warranty and Service Support**
  Your Ready Access window comes with a one year limited warranty on parts and labor provided by a worldwide service organization.

STANDARD OPTIONS

- The 275 Single Panel Slider is available in statuary bronze or clear anodized aluminum.

- 4 standard window dimensions available: (See Chart on Page # 7)

- A retrofit kit is available for the 275 Single Panel Slider that easily upgrades the window from a manual operation to a fully automatic operation.

- An inside/outside stainless steel shelf is also available.

CUSTOM OPTIONS

- Custom sizes are available in both manual and electric operations.

- Tinted glass is available upon request.

- Powder coat painting is available in a wide range of custom colors.

SPECIFICATIONS AND PERFORMANCE

Model Number	Unit Voltage		Actual Unit Amps	Dimensions In Inches W X H x D	Weight In Shipping Carton
	USA	International			
275	110/120 VAC 60Hz	220/240 VAC 50/60Hz	15 A (US) 8 A (Int'l)	47½ x 43½ x 4	95 lbs
275	110/120 VAC 60Hz	220/240 VAC 50/60Hz	15 A (US) 8 A (Int'l)	47½ x 35¾ x 4	87 lbs
275	110/120 VAC 60Hz	220/240 VAC 50/60Hz	15 A (US) 8 A (Int'l)	47½ x 30 x 4	80 lbs
275 **(SC)**				35 ¾ x 35¾ x 4	80 lbs

Dimensions In Inches W x H x D	Service Opening Size W x H	Glazing Rough Opening Size W x H	Masonry Rough Opening Size W x H
		47 ¾" x 43 ¾"	48" x 44"
47½ x 43½ x 4	19 ½" x 35"	1213mm x 1111mm	1219mm x 1118mm
		47 ¾" x 36"	48" x 36 ¼"
47½ x 35¾ x 4	19 ½" x 27 ¼"	1213mm x 914mm	1219mm x 921mm
		47 ¾" x 30 ¼"	48" x 30 ½"
47½ x 30 x 4	19 ½" x 21 ½"	1213mm x 768mm	1219mm x 775mm
		36" x 36"	36 ¼" x 36 ¼"
35 ¾ x 35¾ x 4	13 ? " x 27 ¼"	914mm x 914mm	921mm x 921mm
West Coast Window	15 ? " x Height		

Dimensions

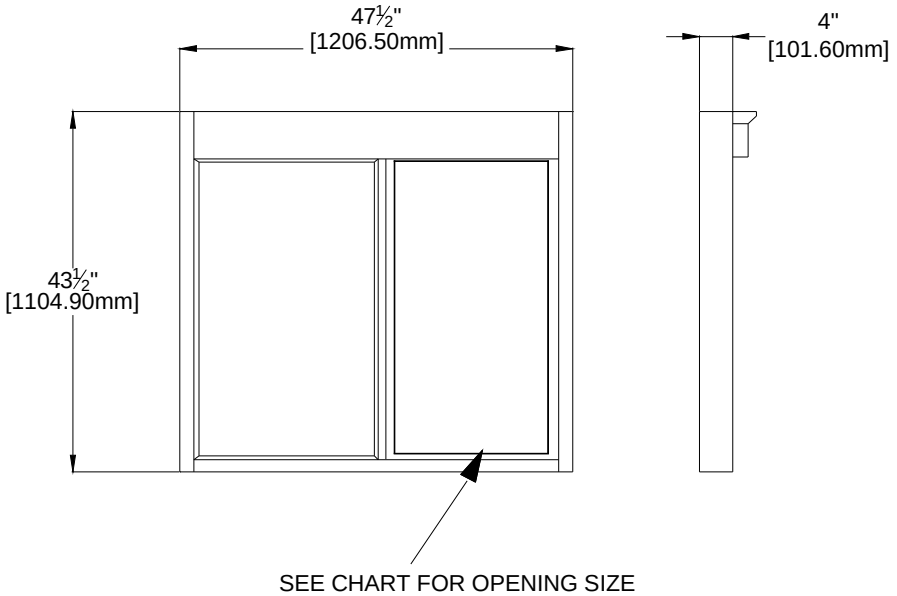


Figure 1

Safety Information

WARNING: To avoid the risk of fire, Electric Shock or injury to persons, observe the following:

1. Before servicing or cleaning the unit, switch the power off at the mechanical switch near the unit (Installed by an Electrician) or the electrical entry service panel/circuit breaker. (Load Center)
   - **OSHA** LOCK OUT – TAG OUT procedures are to be observed to prevent power from being switched on accidentally.

2. Any Installation and / or Electrical work must be done by **QUALIFIED** persons in accordance with all applicable codes / standards and manufacturers recommendations and specifications.

3. **DO NOT** insert fingers and / or foreign objects into the Drive-Thru Window.
   DO NOT block or tamper with the unit in any manner while it is in operation.

4. This product must not be used in Potentially Dangerous locations such as Flammable, Explosive Chemical – laden environment.

Installation Procedures

Tools required to perform the installation

- Electric Drill
- Metal Drill bits –
  ?" (3mm)
  ¼" (6mm)
  ½" (13mm)
  1" (25mm)
- Screwdrivers – Slotted and Phillips
- Hacksaw
- Jack / Utility Knife
- Flat File – Coarse
- Caulking gun
- ¼" Nut Driver

Extension Cord

- Masonry drill bit –
  ¼" (6mm)
  1" (25mm)
  1½" (38mm)
- Masonry Hole Saw – 1" (25mm)
- Channel Lock Pliers
- Tape Measurer
- Wire Cutter
- Step Ladder
- Level

Materials required for installation

- Window framing, architect specified and installed in building.
  (Ready Access recommended material is ?" (3mm) x 1 ¾" (44.5mm) x 4" (102mm) hollow aluminum tubing or glazing channel)
- Electrical Tape
- Wire Nuts
- Caulking – silicone (Color specific to the color of window)
- Connectors for conduit as required
- Shingle type shims – as required to level and plum the window

Physical Installation

Before you begin installing your Ready Access Drive-Thru Window, you must determine what type of installation will be required. Example: Wood Framing, Masonry Framing, etc.
Please refer to the details below and pick which one best fit your application.

See Chart on page 7 for Masonry and Glazing Rough Opening Sizes

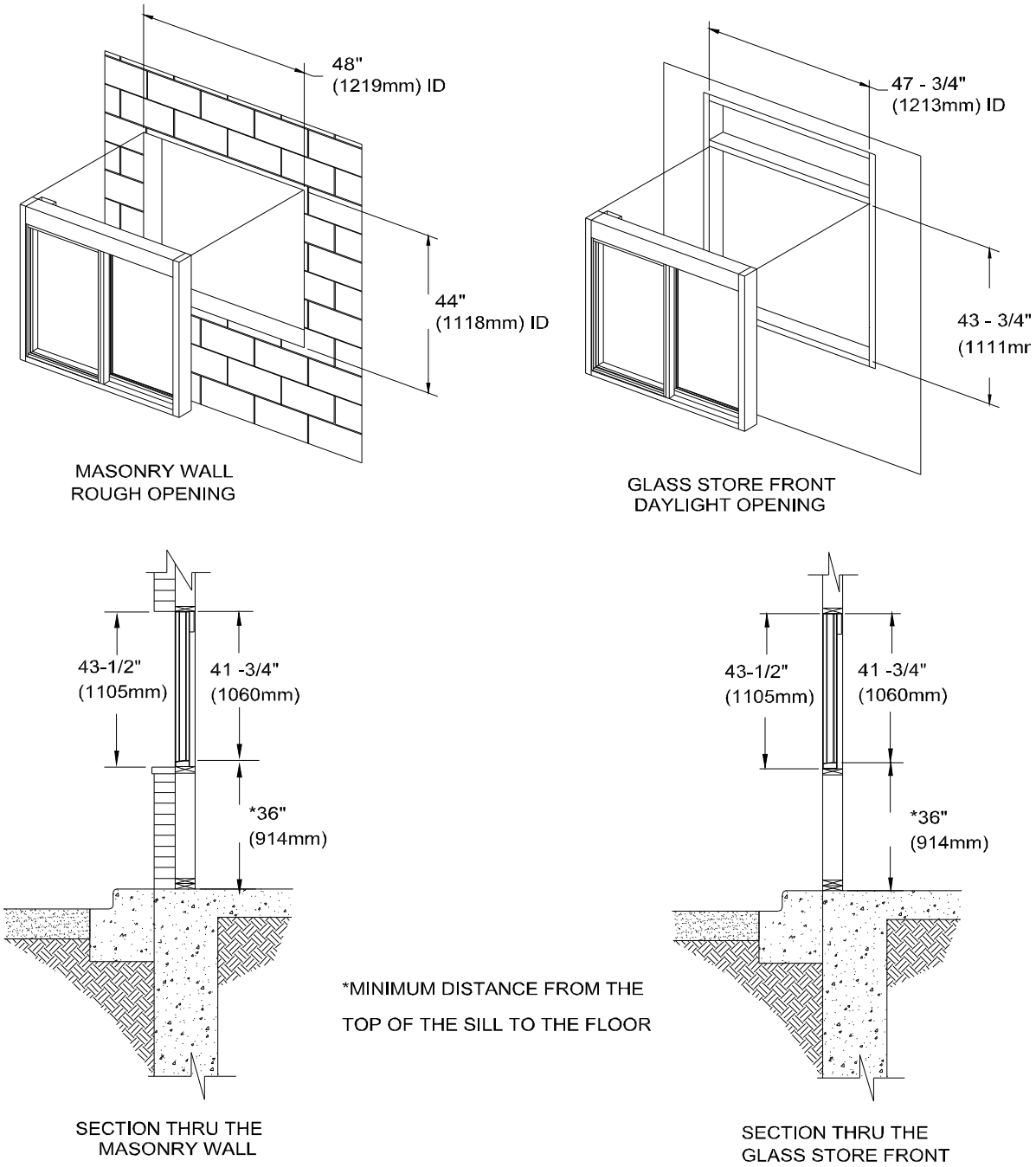


FIGURE 2

WARNING:
TWO PEOPLE ARE REQUIRED FOR THE LIFTING AND INSTALLATION OF THE WINDOW.

1. Confirm that the customer-supplied frame is made to accommodate the dimensions as illustrated on page 9.
2. Confirm that AC power has been run and is ready for connection to the window.
3. Check shipping carton for any shipping damage and remove window from the carton.
4. Check window for any shipping damage.

NOTE: There are two wall-mounting applications. The mounting space can be surrounded either by sidelights (windows) or masonry. In both cases the upper part of the window above the counter top (window sill) fits flush with the outside of the wall. (See Figure 2) The illustrations will show the walls with the sidelights, as this is the most common application. (Figure 3 and 4)

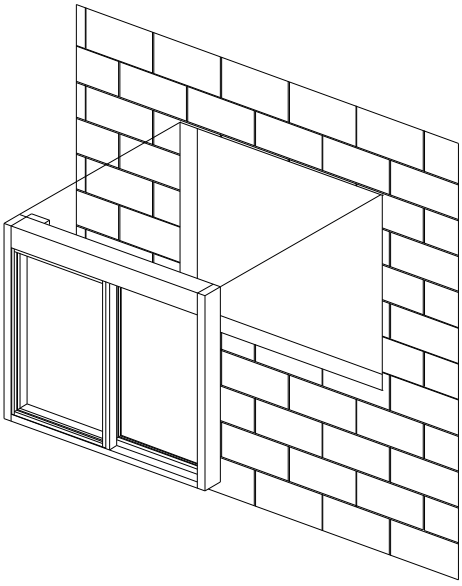


Figure 3

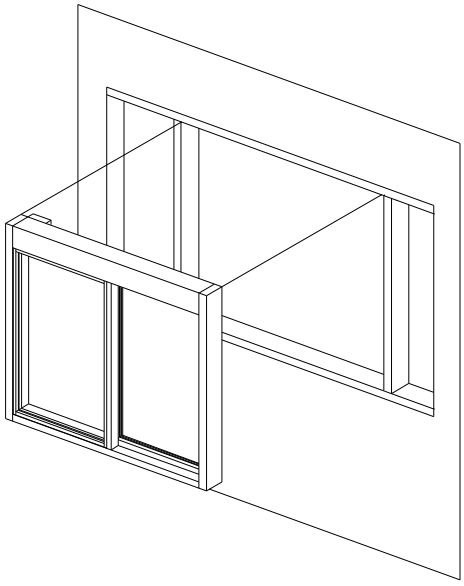


Figure 4

NOTE: If mounting the window in a masonry wall the window mounts flush with the outside finishing of the building. Drill points are scribed directly into the masonry. The outside edge of the mullion should be flush with the outside finishing of the building. (See Figure 3 and 4)

5. Position the window and place it into the customer-supplied frame. As shown in Figure 3 and 4

6. With one person holding the window in place, level the window using the shim shingles as needed.

7. Using the window mounting holes as a template, drill a quantity of 4 – 3/16” (5mm) diameter holes for mounting. (See Figure 5)

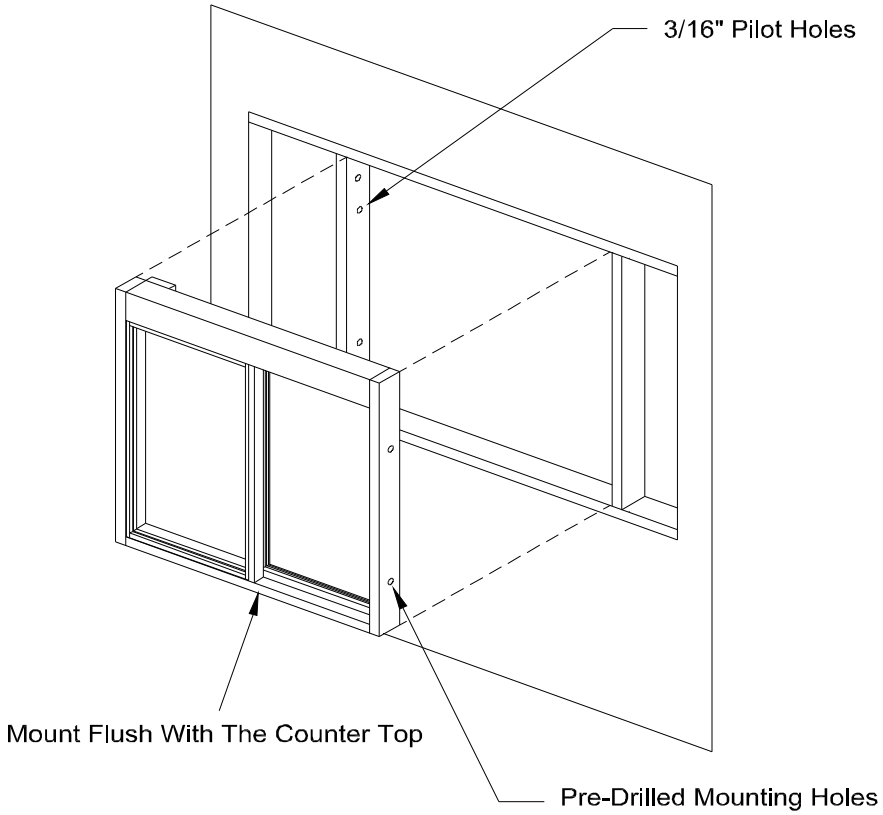


Figure 5

8. Take the window back out and drill the mounting holes. Set the anchors as needed.

9. With one person holding the window in place from the outside, set the mounting screws.

10. When the window is fully secured, seal the outside of the window to the frame or building using silicone caulk.

Electrical Installation (For M.O.E.R. windows only)

All power must be connected and wired by a **qualified electrician** and must be in compliance with all state and local codes.

WARNING: Use only 110/120VAC – 60Hz source with a dedicated minimum 15Amp circuit.
International power: 208/240VAC – 50/60Hz with a dedicated minimum 8Amp branch circuit.

WARNING: This must be a dedicated circuit. Other electrical equipment must not share the same line from the minimum15Amp circuit breaker.

WARNING: Turning off the front panel rocker switches does not remove the 110/120 volts of electrical power form the unit

WARNING: To disconnect the power completely from this unit, turn OFF the main switch near the unit (Installed by an Electrician) or the electrical entry service panel/circuit breaker panel (Load Center) for this unit.

- **OSHA** LOCK OUT – TAG OUT procedures are to be observed to prevent power from being switched on accidentally.

1. The M.O.E.R. window simply plugs into a standard wall socket (Preferred a switched outlet).
2. Connect the cable wire from the electric eye / presence sensor.
3. Drill 4 - ¼" (6.5mm) holes using the masonry drill bit. (For Waist High Electric Eye Only)
4. Insert the plastic anchors and mount the brackets with the #10 or #12 screws. (For Waist High Electric Eye Only)
5. Attach the sensor to the brackets and secure. (For Waist High Electric Eye Only)
6. Turn "ON" the power to the unit. (Load center circuit breaker and power switch on the wall if available.)
7. Test window operations. See "Testing Procedures".

Initial Window Operation

Testing Procedures

Action	Reaction
Turn the power **"OFF"** (M.O.E.R. ONLY) at the main switch. (Electrician Installed) Manually open and close the door several times.	This will assure that the door is performing to specification. The M.O.E.R. window will perform as a standard Self-Closing unit
Turn the power **"ON"** (M.O.E.R. ONLY) at the main switch. (Electrician Installed) Manually open the door	The door should stay open until you step out of the beam sensor. Once you step out of the sensor range, the door should close by itself.

Adjustments and Calibrations

SuperScan Presence Sensor Adjustment Instruction

Once the window is installed and the power is hooked up to the drive-thru window unit, you will need to test and set the range of the presence sensor. This is done to determine the best compatibility for your service applications. The presence sensor can be adjusted in many ways to work with different applications.

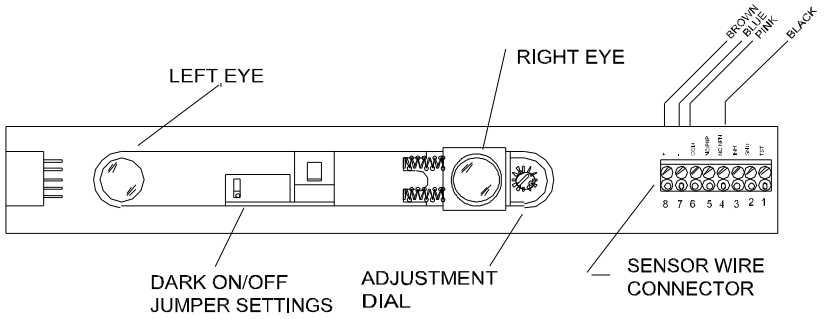
The tools required to perform this test and adjustments are: Phillips Head Screwdriver, Straight Blade Screwdriver and a ¼" Nut Driver.

If the drive-thru window stays open after the power is turned on and the beam break light is "ON", the sensor is detecting the floor or the counter top.

To adjust the presence sensor to the floor:

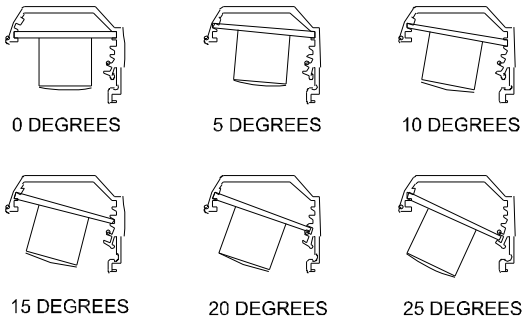
1. Turn the power "OFF" to the drive-thru window.
2. Remove one of the plastic end caps from the sensor body. (Preferably the left side)
3. Remove the black plastic lens cover.

Next to the "Right Eye" you will see an adjustment dial. This dial is used for adjusting the sensor to the distance from the floor. The dial is in a clock format. The maximum distance is achieved at the 9 o'clock position after the right eye clicks back into it's broadest setting. The minimum distance is achieved at the 9 o'clock position before the right eye clicks back into it's broadest setting.
NOTE: TURN THE DIAL IN A COUNTER_CLOCK_WISE FASHION ONLY.



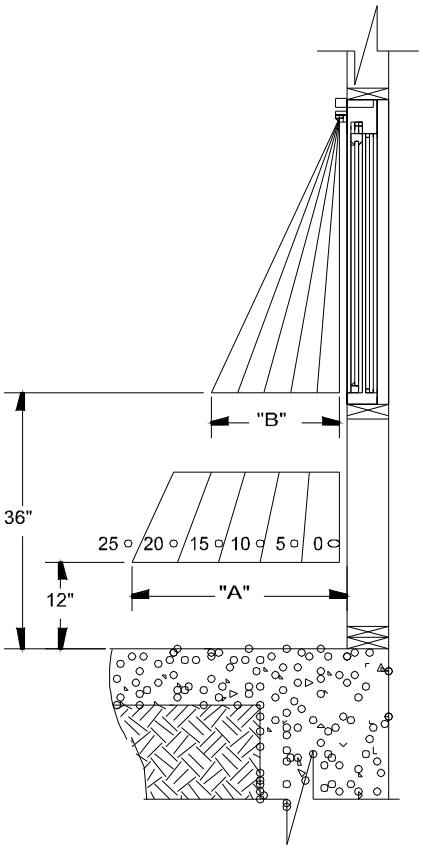
If the Drive-Thru window stays open while standing far away from the wall or the window closes on you while you are passing product out to the customer, Then the angle of the sensor need to be adjusted.

Below are diagrams illustrating the different setting that can be done to adjust the distance from the wall.



To adjust the sensor further or closer to the wall, follow the following steps.

1. Remove the header cover from the drive-thru window frame.
2. Disconnect the sensor from the inline connector.
3. Remove the (2) ¼" Hex head screws from the back of the cover that mounts the sensor to the cover.
4. Once the sensor has been removed, remove the eye control board from the sensor body.
5. Position the white plastic clips around the eye control board as illustrated on the previous page. (Reference the chart below to achieve the proper setting that is needed for your application.)
6. Once setting has been determined, insert the eye control board back into the housing.
7. Remount the sensor housing onto the cover.
8. Reconnect the sensor wires.
9. Attach the header cover to the drive-thru window.

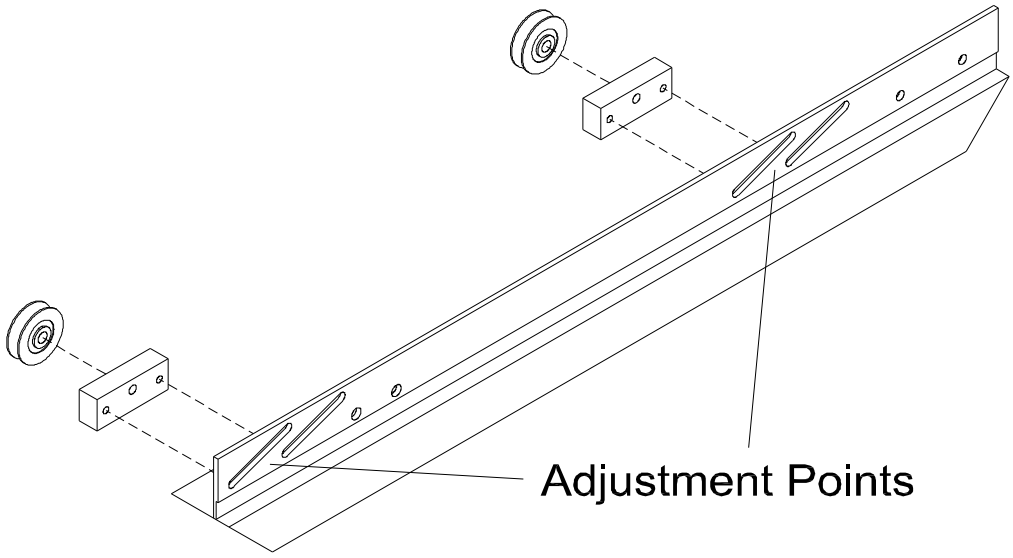


RANGE OF SENSOR FROM WALL REFERENCE CHART							
600 Series	"A" DIMENSION RANGE WITH 12" DEAD ZONE FROM FLOOR						
UNIT HEIGHT	DEGREE	0°	5°	10°	15°	20°	25°
43-1/2"	"A"	1"	6-1/2"	12"	18"	24"	30-1/2"
35-3/4"		1"	6"	10"	16"	21"	27"
30"		1"	5-1/2"	9"	14"	19"	24"

RANGE OF SENSOR FROM WALL AT THE WINDOW SILL REFERENCE CHART							
600 Series	"B" DIMENSION RANGE AT 36" FROM FLOOR						
UNIT HEIGHT	DEGREE	0°	5°	10°	15°	20°	25°
43-1/2"	"B"	1"	4-1/2"	8"	11-1/2"	15"	19-1/2"
35-3/4"		1"	3-1/2"	6"	9-1/2"	12"	15-1/2"
30"		1"	3"	5"	8"	10"	13"

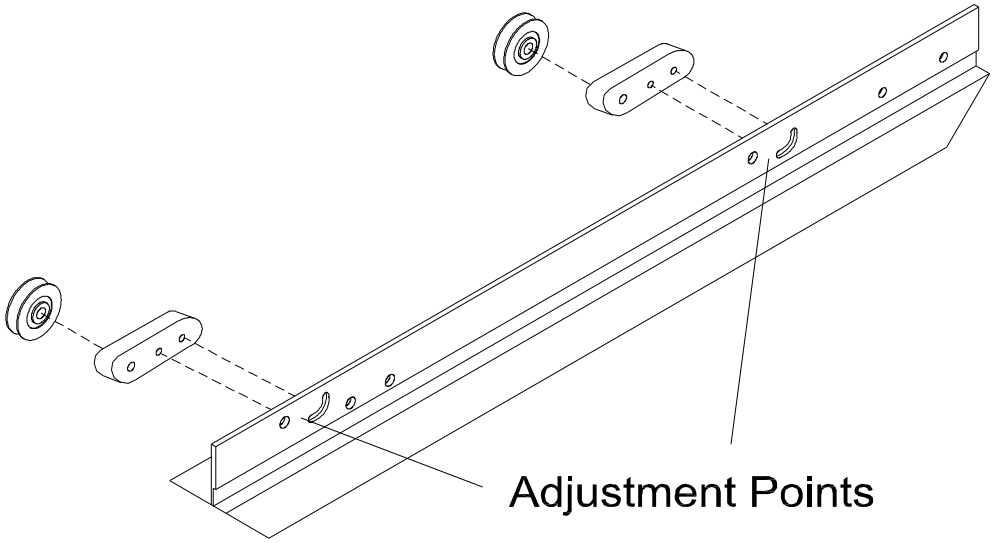
Door Alignment

Adjustments to the door height and alignment is accomplished by loosening one or both of the adjustment blocks located at the to of the doorframe where it mounts to the slide track. (Figure 7)



Upper Door Channel (Old Style)

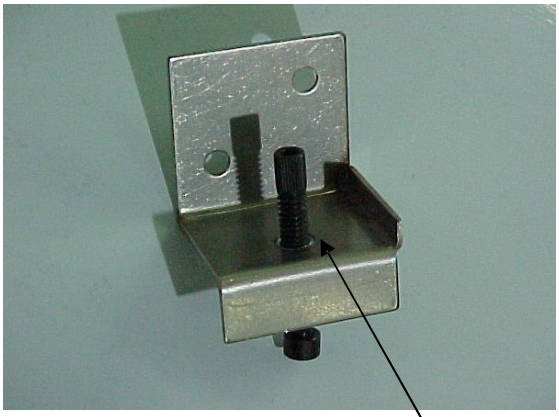
Figure 7

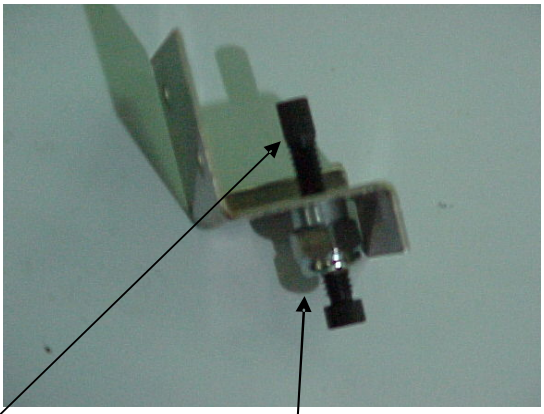


Upper Door Channel (New Style)

Self-Closing Adjustment

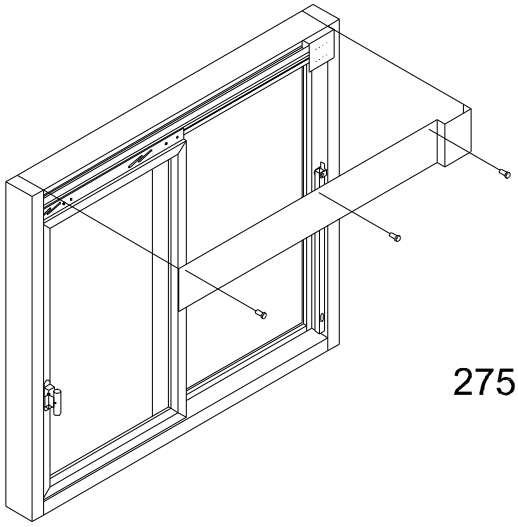
The 275 M.O.E.R. and Self-Closing windows operate using gravity to pull the door closed. Raising or lowering the height of the one side of the track can adjust the speed at which the door closes. This can be done by loosening the lock nut on the adjustment bracket and turning the adjustment screw either in or out.

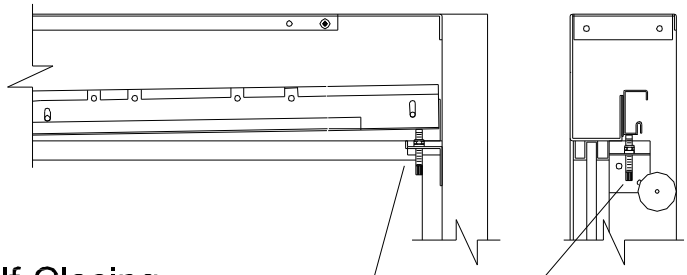




Adjustment Screw

Lock Nut





275 Self-Closing

Adjustment Screw and Locknut

Remove the 3 screws holding the header cover on the window frame to gain access to the adjustment screw and lock nut.

Operation Procedures

Modes of Operation:

Both the 275 Self-Closing and M.O.E.R. windows can be operated manually with a self-closing feature. Only the M.O.E.R. can maintain an open status when power is turned “ON” on to the unit.

Operations

After installation of the model 275 Self-Closing or M.O.E.R. window, completion of the testing procedures and the installation of the decorative covers, the window is ready for normal use.

1. Break the electronic eye beam or step into the sensor beam path (M.O.E.R. ONLY). Open the door manually. The door will stay open with no assistance.

2. Step out of the beam path for the door to close.

3. If the door does not operate correctly, go to the troubleshooting guide in this manual. If the door still do not operate properly, then call Ready Access at

1-800-621-5045

Each operator must read the operations manual before operating the unit.

Maintenance

Maintenance Schedule

Scheduled maintenance should be performed on a regular basis. This is to assure proper operation and performance of the 275 windows.

Daily

Check the sill for foreign materials and/or syrup. (Anything that might cause the window to bind up and not operate smoothly.)

Use warm soapy water or carbonated water to clean the window.

Monthly

Follow safety procedures before opening the unit.

Check the interior of the unit for any build up of any foreign materials using a dry cloth.

NOTE: KEEP ANY LIQUIDS OFF THE INTERIOR COMPONENTS.

Clean moving parts and lubricate with silicone or Teflon spray.

NOTE: Do NOT use Grease or Oils.

Yearly

Have a service technician come in and perform a maintenance check on the unit.

SERVICE

Troubleshooting Guide

Issue	Probable Cause	Resolution
The door will not open.	• Door handle will not release	• Check the door handle for proper operation
The door will not close or is dragging.	• The track, door guide or sill is dirty or gummed up	• Clean the affected area and lube working parts with Silicone or Teflon
	• The roller bearings on the top of the door is loose or broken	• Check the roller bearings. Tighten if loose. Replace if broken
	• The adjustable track is adjusted too far down	• Adjust the track all the way up. If the track keeps working itself back down, then secure the track in place
The door will not stay open. (M.O.E.R.)	• No power to the window	• Check that the power is on
	• The magnet is not square to the catch plate	• Check that the magnet face is square to the catch plate. Bend the catch plate to meet the magnet squarely
	• The magnet catch is loose at the top of the door	• Check for loose and/or broken hardware. If loose or broken, tighten or replace
	• The magnet connector is loose or defective	• Check the connector. If broken, replace it
	• The M.O.E.R. controller is defective	• Check fuse mounted on the controller. If OK, then replace the controller
The door slams shut.	• The adjustable track is adjusted too far up	• Adjust track down slightly
	• The window is not squarely mounted	• If unable to adjust, call the contractor that installed the window

Parts Lists

Complete Parts List (Description/Part Number)

Description	Part Number	Notes
Bar - Lock - Bronze - Repl Kit	85197101	Also Includes Ref ID #s 8, 27, 28, 29, 30
Bar - Lock - Clear - Repl Kit	85197102	Also Includes Ref ID #s 8, 27, 28, 29, 30
Bearing - Electric Roller Groove	85003600	
Bumper	40010030	
Bumper - 1x1 w/blk Lvl	40010003	
Cable Assembly - Eye (Waist High) (Electric)	20112143	
Cable Assembly - PCB to BEA Sensor	20112148	
Caulk - Silicone - Aluminum	80050029	
Caulk - Silicone - Bronze - 8 oz	80050020	
Caulk - Silicone - Clear	80050021	
Channel - Rubber Glass	65028601	
Clip – Bar Lock Bolt	65182801	
Door Assembly for all 275 M.O.E.R.	Call MFGR for #	
Electric Eye / Reflector Replacement Kit	85000200	Waist level operation - Repl (Not M.O.E.R. or 275 after 2/99)
Guide - Door	00651190	
Guide - Round Closing Door	00651834	
Handle - Door - Kit (275 - SC)	85197000	Also Includes Ref ID #s 63, 65, 66, 67, 68
Housing - Electric eye	00650929	
Latch Spring	00650269	
Manual to Electric Retro Fit Kit	Call MFGR for #	
Manual to Self Close - Conversion Kit	Call MFGR for #	
M.O.E.R. Control - L-R – 7lb Mag	85100820	
M.O.E.R. Control - L-R - 40lb Mag	85100840	New Style
M.O.E.R. Control - R-L – 7lb Mag	85100810	
M.O.E.R. Control - R-L – 40lb Mag	85100830	New Style
Plate - Striker - Handle (275 - SC)	95183600	Order 2 Pop Rivets (P/N 10180009) separately
Receptacle - Power	20110241	
Rivet - Door Guide	10180024	
Rivet - Pop	10180009	
Roller Block - Banana Slot	20010012	New Style - 2001 - Also Includes Ref ID # 55
Screw -for Door Guide (Need 4)	10060087	
Screw for inside cover - sensor striker	10010114	
Sensor Assy - M.O.E.R. BEA - Repl	85100700	M.O.E.R. ONLY
Spring & Ball Knob Kit (3 ea. kit) - Repl	85000300	
Spring Kit - 275 Door Handle - Repl	85197300	
Striker - Bottom Lock - Repl	65023601	
Weather Strip Kit	85104000	

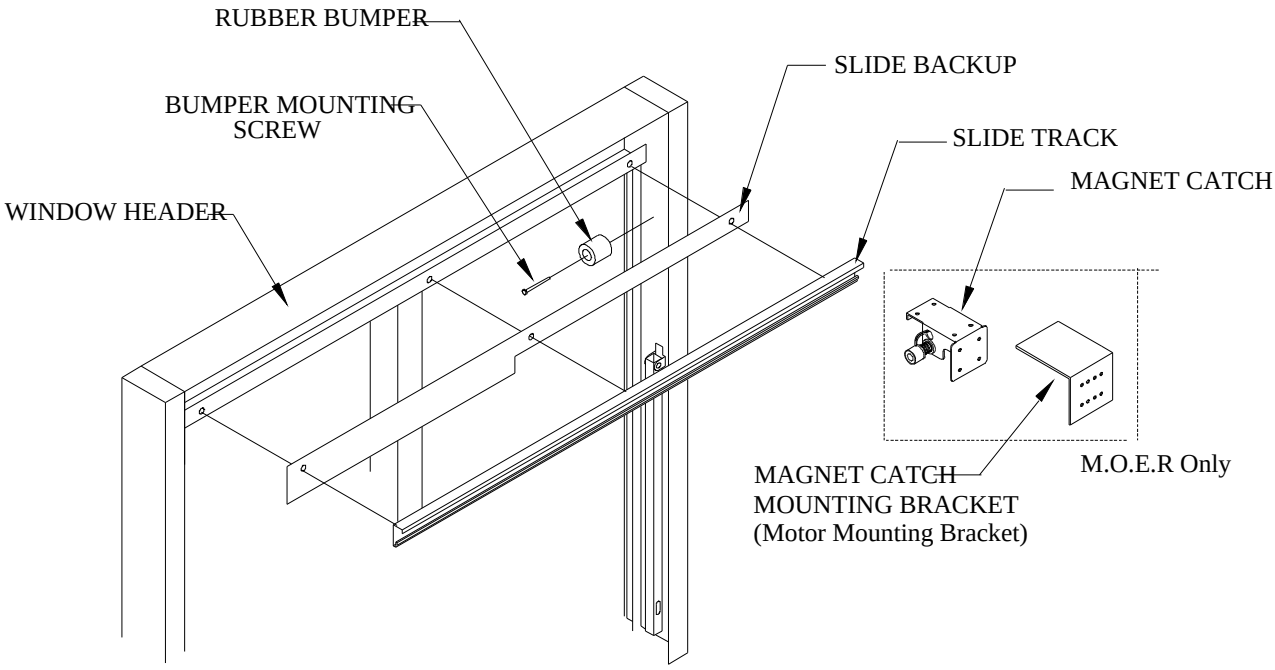
Drawings

Exploded Views

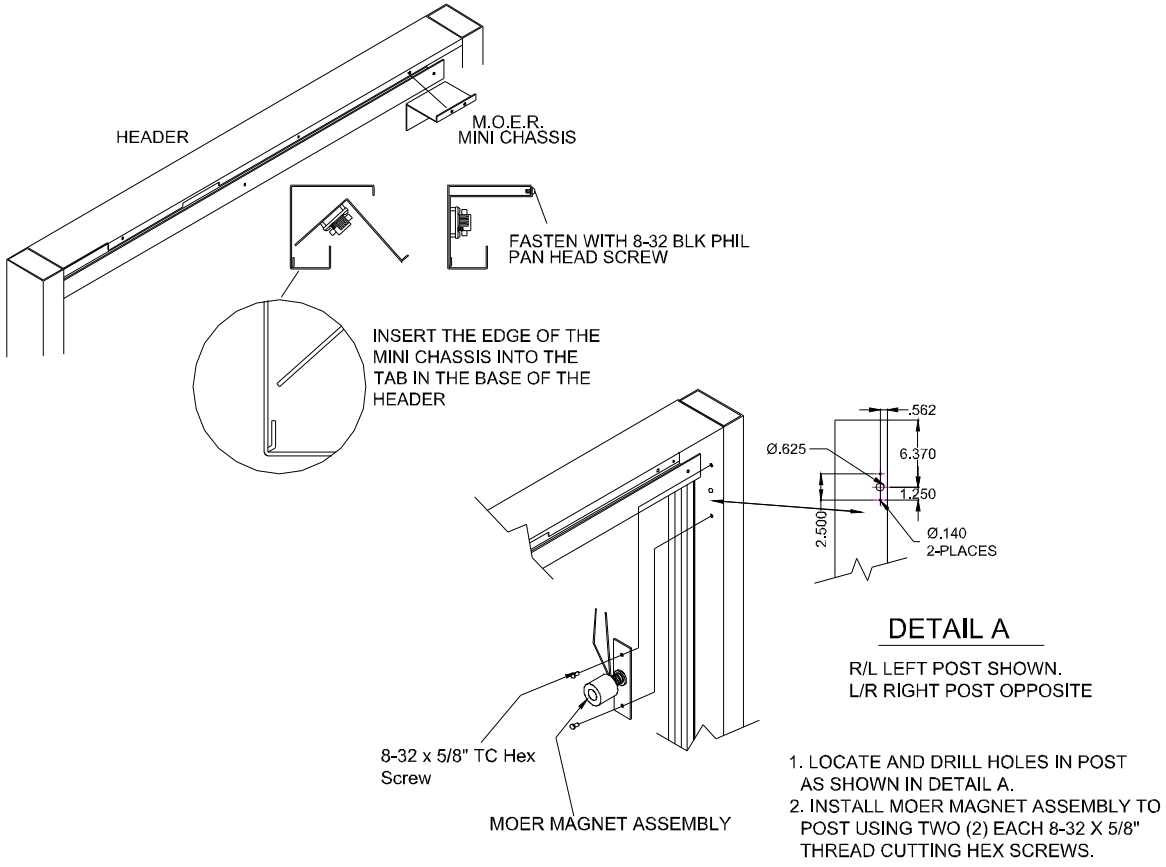
Page	Part Number If Applicable	Description
21	N/A	Header Assembly – Exploded View
21	85100810 / 85100820	Magnet Catch Assembly
22	85003600	Roller Grove Bearing Kit
22	95197000	Door Handle Kit – Exploded View
23	N/A	Window Frame – Exploded View
24	N/A	Door Assembly – Exploded View

Schematics

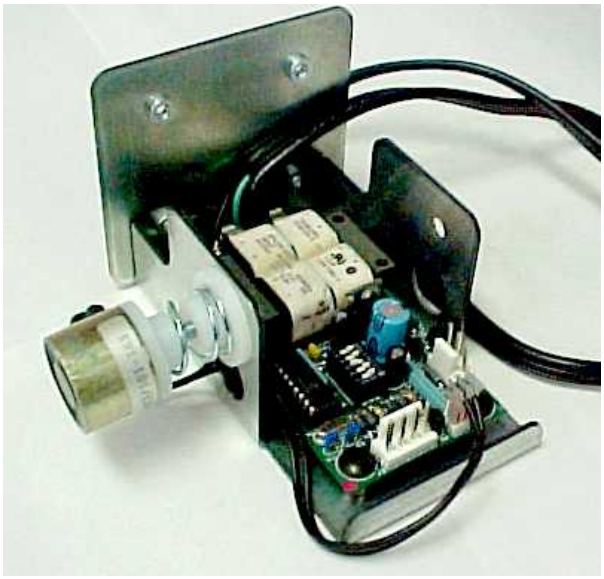
25	N/A	Electrical Schematic

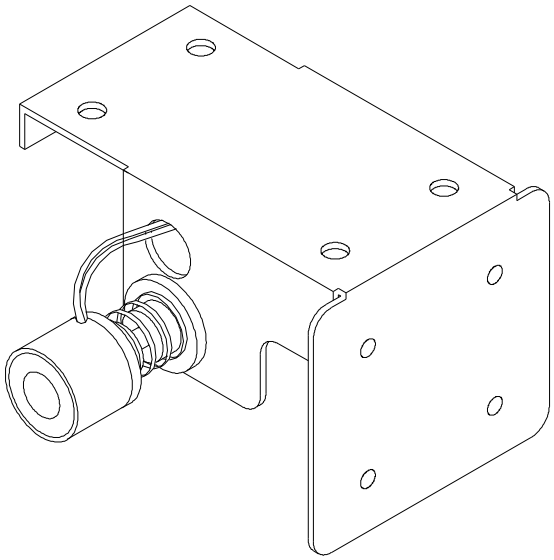


275 SC / M.O.E.R Header Exploded View (Before July 2006)


HEADER
M.O.E.R. MINI CHASSIS
FASTEN WITH 8-32 BLK PHIL PAN HEAD SCREW
INSERT THE EDGE OF THE MINI CHASSIS INTO THE TAB IN THE BASE OF THE HEADER
.562
Ø.625
6.370
1.250
2.500
Ø.140 2-PLACES
DETAIL A
R/L LEFT POST SHOWN.
L/R RIGHT POST OPPOSITE
8-32 x 5/8" TC Hex Screw
MOER MAGNET ASSEMBLY
1. LOCATE AND DRILL HOLES IN POST AS SHOWN IN DETAIL A.
2. INSTALL MOER MAGNET ASSEMBLY TO POST USING TWO (2) EACH 8-32 X 5/8" THREAD CUTTING HEX SCREWS.

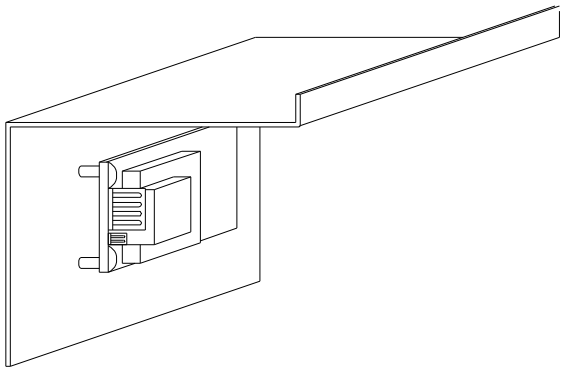
275 SC / M.O.E.R Header Exploded View (After July 2006)



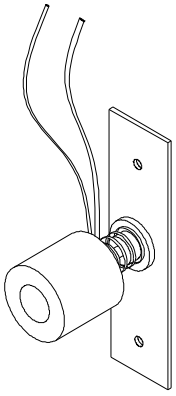


275 M.O.E.R Magnet Catch Assembly – Before July 2006

Part Numbers 85100810 (R/L) - 85100820 (L/R)



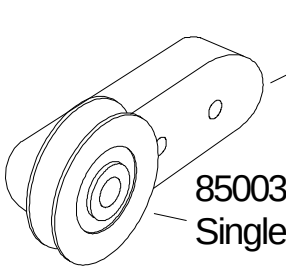
M.O.E.R. CONTROL ASSEMBLY



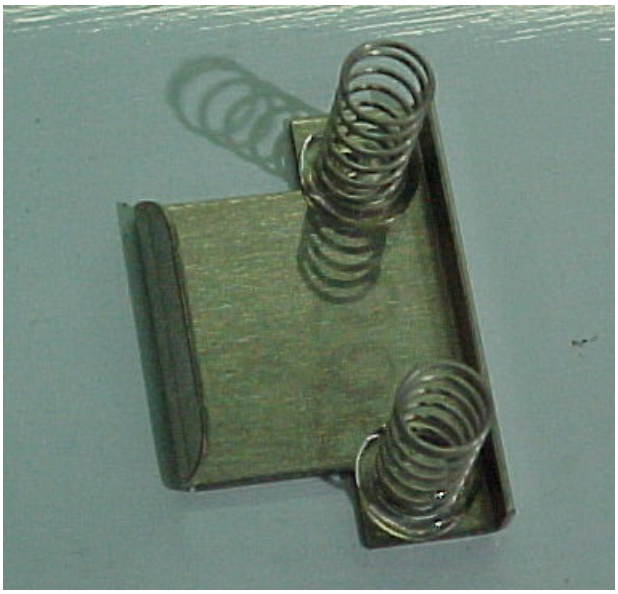
M.O.E.R. MAGNET ASSEMBLY

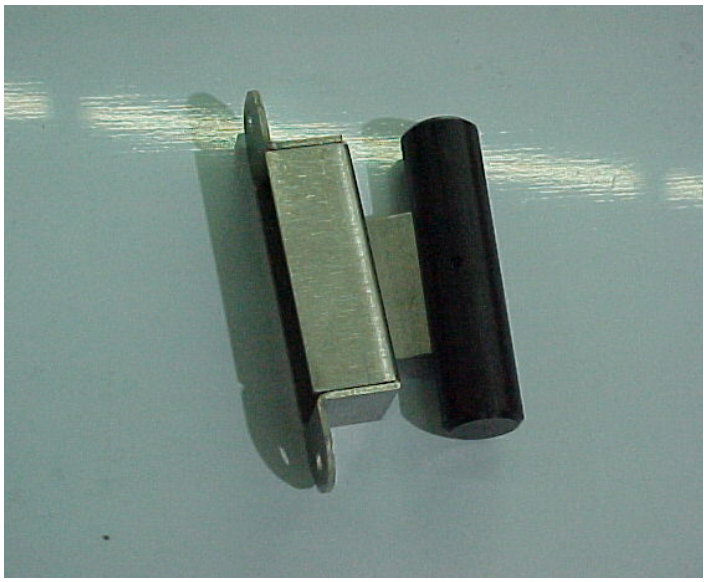
275 M.O.E.R Magnet Catch Assembly – After July 2006

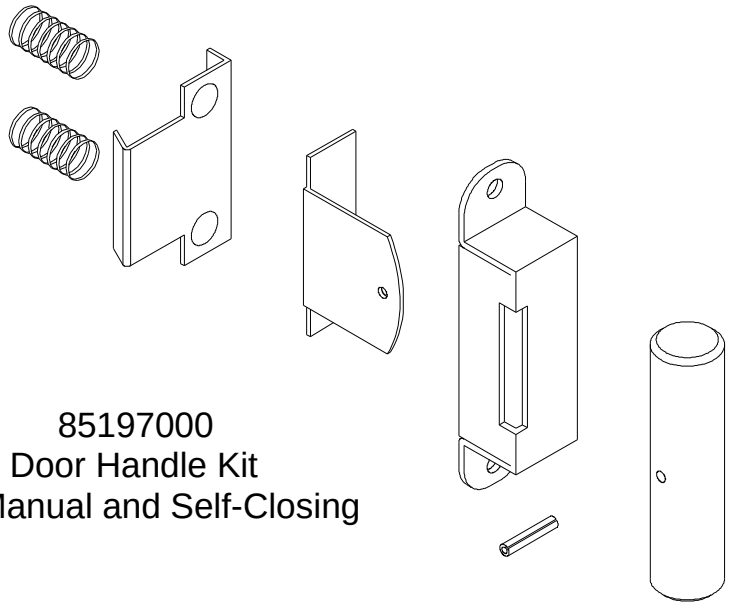
Part Numbers 85100830 (R/L) - 85100840 (L/R)



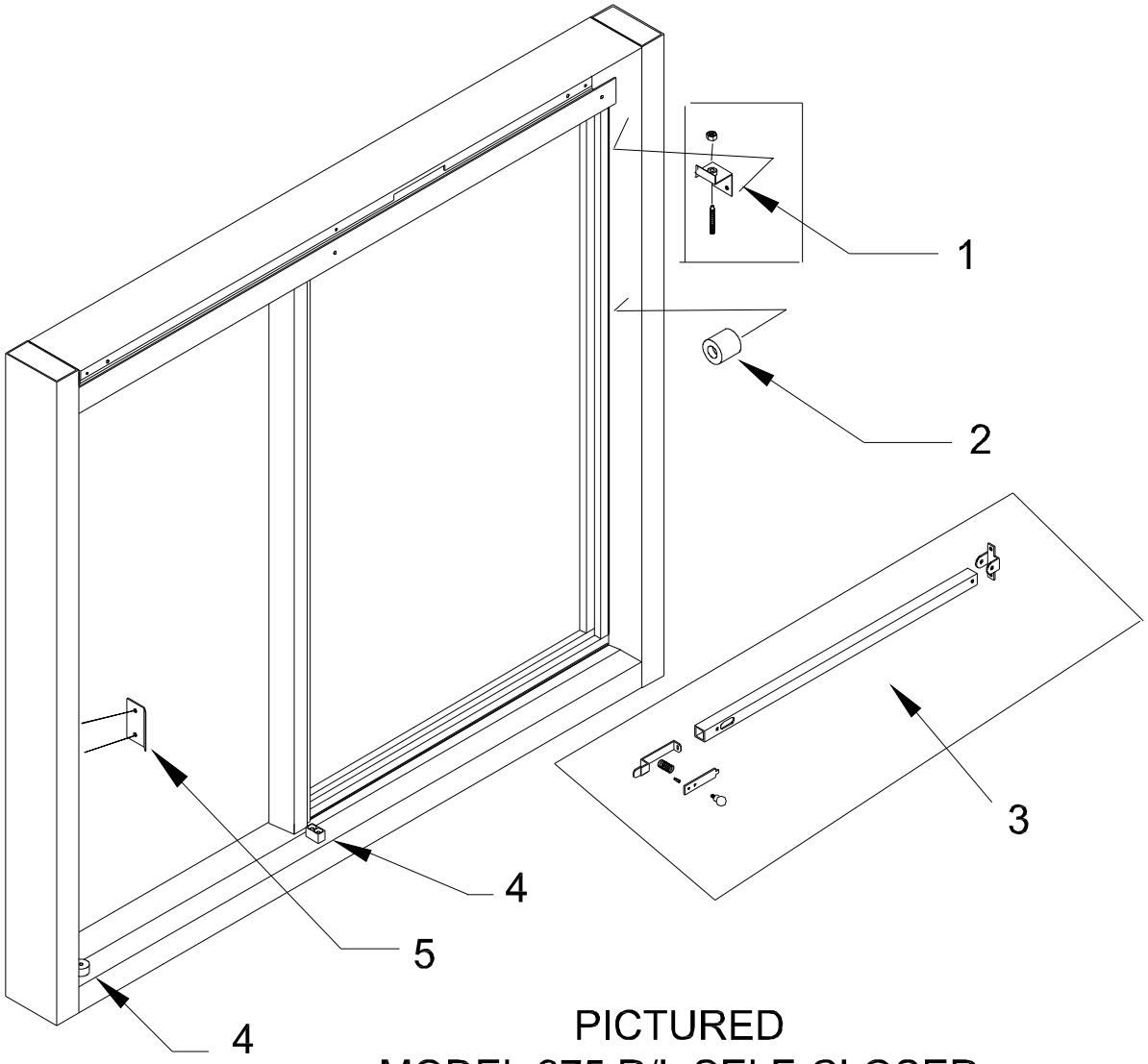
85003100 Roller Grove Bearing Kit





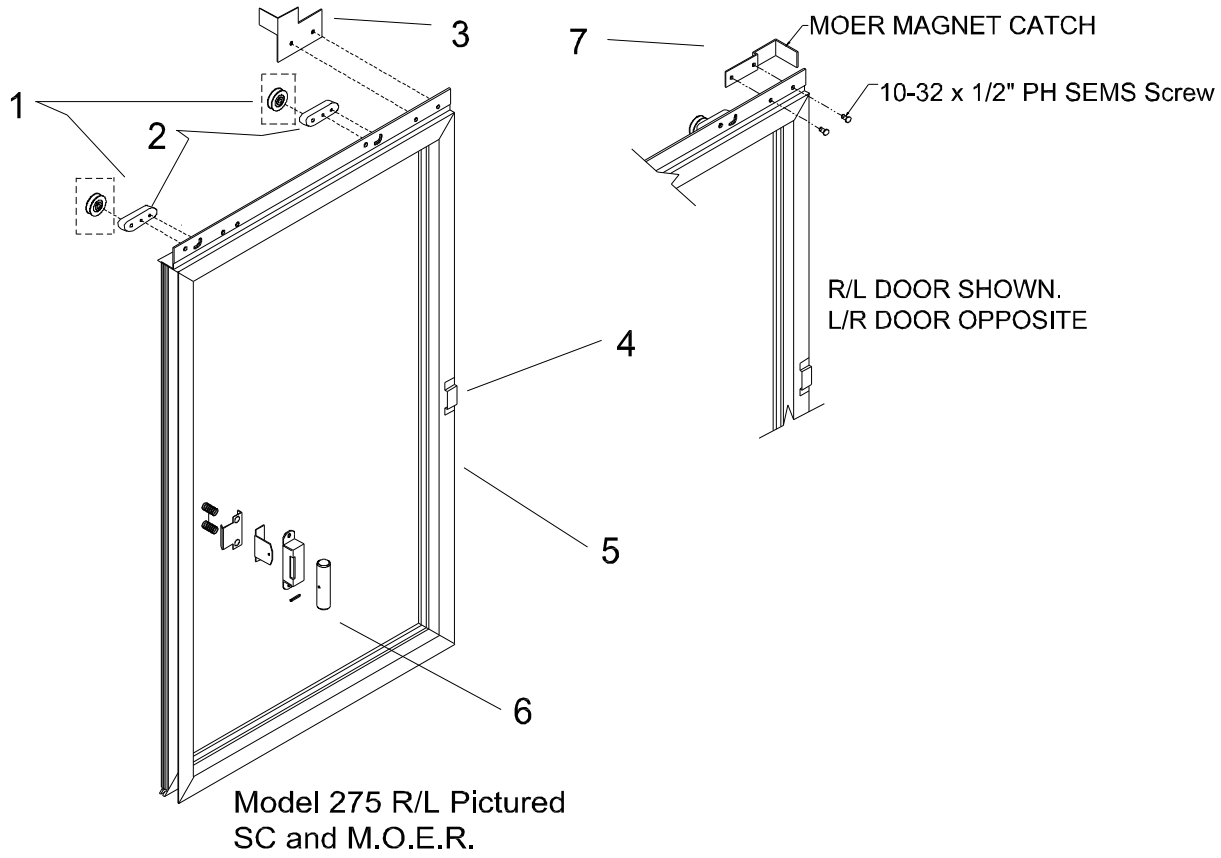


85197000
Door Handle Kit
275 Manual and Self-Closing

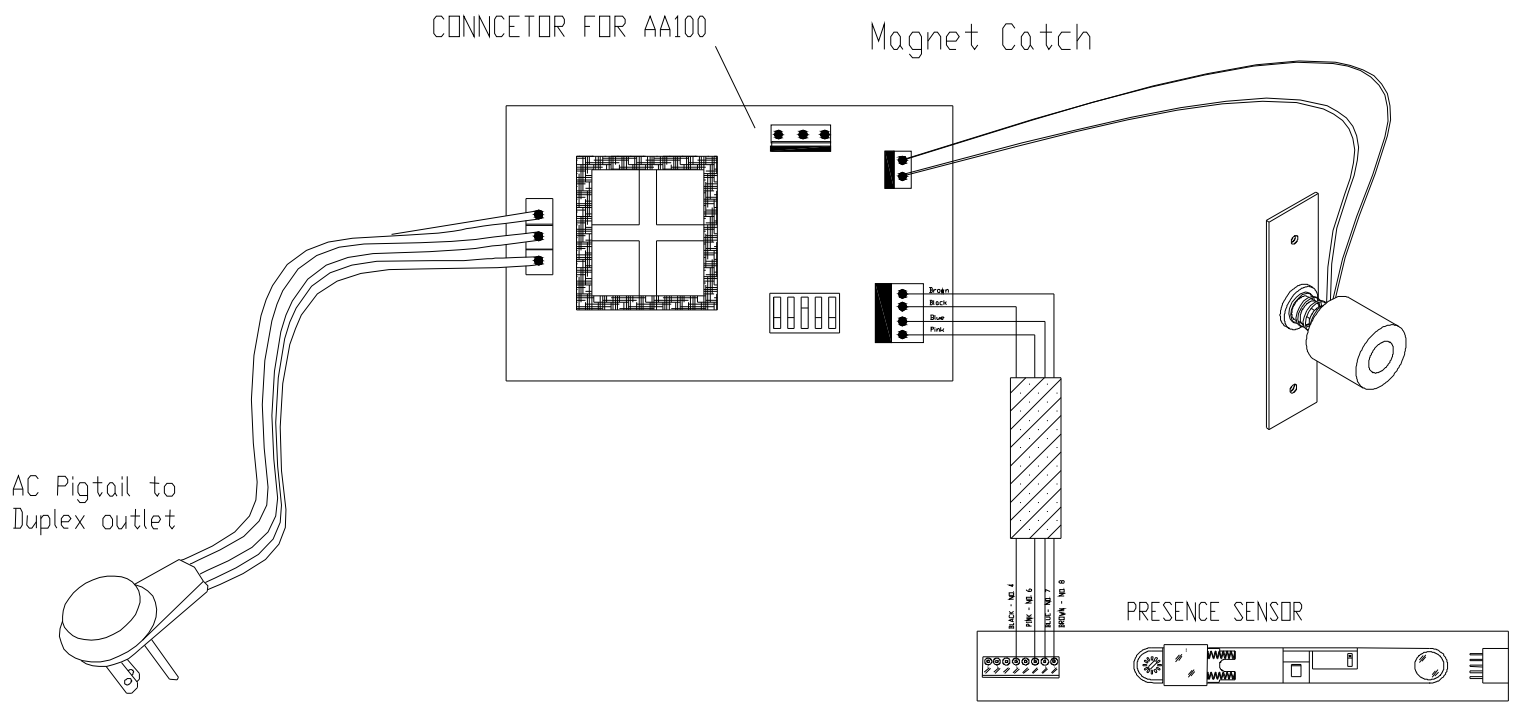


PICTURED
MODEL 275 R/L SELF-CLOSER

REF ID #	PART NUMBER	DESCRIPTION		REF ID #	PART NUMBER	DESCRIPTION
1	85000700	Adjustment Screw Kit		4	85003400	Door Guide Kit
2	40010030	Bumper		5	95183600	Door Handle Striker Plate
3	85197102	Lock Bar Kit CL				
3	85197101	Lock Bar Kit Br				



REF ID #	PART NUMBER	DESCRIPTION		REF ID #	PART NUMBER	DESCRIPTION
1	85003600	Roller Grove Bearing		4	65182801	Lock Bar Bolt Clip
2	20010012	Block (New Style)		5	See Parts List	Door Assembly
3	65100320	Magnet Catch Plate L/R		6	85197000	Door Handle Kit
3	65100310	Magnet Catch Plate R/L		7	N/A	Mag Catch After July 2006



WORK TO DIMENSIONS-DO NOT SCALE TOL. UNLESS SPECIFIED XXXX TOL. NOT REQ'D TOL. CLASS ± N/A ANGULAR TOL. ± 1°	USED IN PRODUCTS: 275 SC	DESIGN BY: READY ACCESS DATE: 7/17/05	MATERIAL: N/A MATERIAL SPEC:
	REVISION: A REVISION DATE: 5/31/05	DRAWN BY: SC DATE: 8/31/05	N/A GAUGE: N/A
	LATEST REVISION NOTE: A: RELEASE FOR PRODUCTION		DESCRIPTION: 275 M.O.E.R. WIRING PART. NO.:

READY ACCESS
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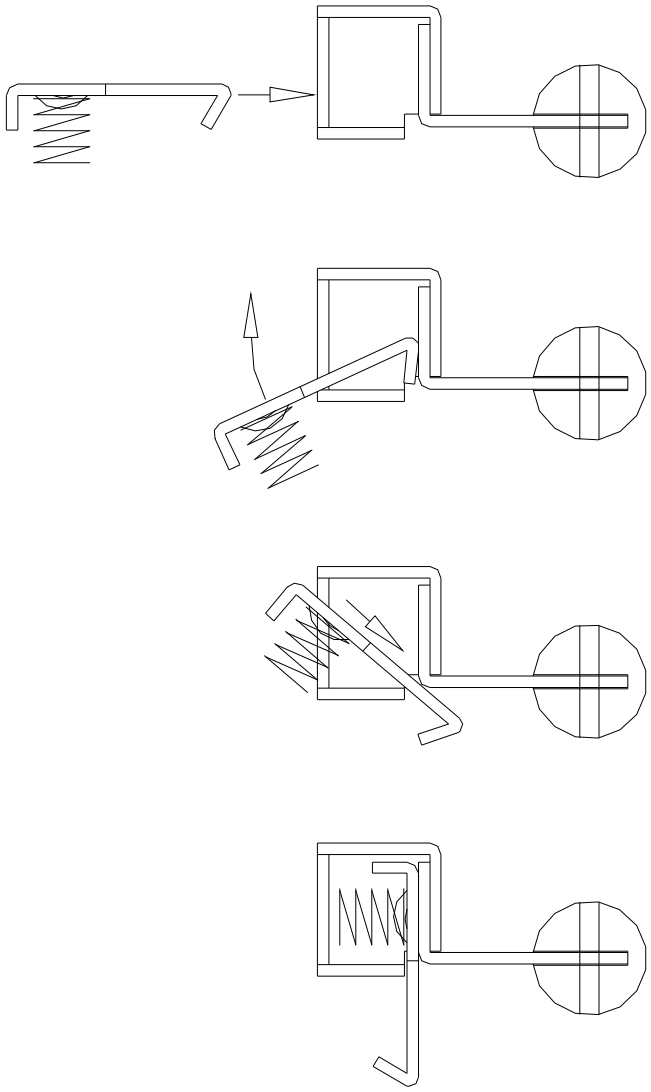
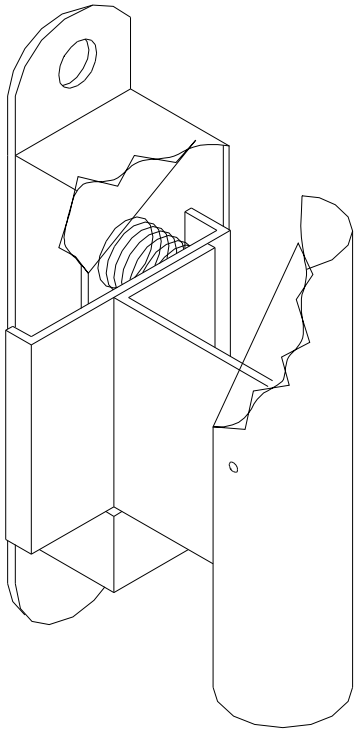
Appendix A

Installation of the door handle





REPLACEMENT INSTRUCTIONS:

1. Inspect parts for damage or missing.

   - 1 LATCH HANDLE WITH 2 SPRINGS GLUED IN PLACE.
   - 2 POP RIVETS
   - 2 SELF-TAPPING SCREWS

2. Use 3/16" drill bit and drill to remove handle from door.

3. Remove broken spring and latch handle from inside of the handle assembly.

4. Take new latch handle with the 2 springs and assemble into place as illustrated. (Step 1 - Step 4)

5. Attach handle to door with pop rivets. If pop rivet gun not available then use self-tapping screws in place of pop rivets.

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